

G. Gabel
550276

=> del his y;fil caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	69.66	787.79
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
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=> e cytometer/ct 5

E#	FREQUENCY	AT	TERM
E1	0	1	CYTOMEGALO-/CT
E2	1312	15	CYTOMEGALOVIRUS/CT
E3	0	-->	CYTOMETER/CT
E4	0	3	CYTOMETERS/CT
E5	0	1	CYTOMETRIC/CT

=> s cytomet? and vertical(2a)(rotat? or revolv?) and (transparen? or clear)(5a)(cylinder or vessel or container?)

L10 0 FILE MEDLINE
L11 0 FILE CAPLUS
L12 0 FILE BIOSIS
L13 0 FILE EMBASE
L14 0 FILE WPIDS
L15 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L16 0 CYTOMET? AND VERTICAL(2A)(ROTAT? OR REVOLV?) AND (TRANSPAREN? OR CLEAR)(5A)(CYLINDER OR VESSEL OR CONTAINER?)

=> s cytomet? and vertical(10a)(rotat? or revolv?) and (transparen? or clear)(1)(cylinder or vessel or container?)

L17 0 FILE MEDLINE
L18 0 FILE CAPLUS
L19 0 FILE BIOSIS
L20 0 FILE EMBASE
L21 0 FILE WPIDS
L22 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L23 0 CYTOMET? AND VERTICAL(10A)(ROTAT? OR REVOLV?) AND (TRANSPAREN? OR CLEAR)(L)(CYLINDER OR VESSEL OR CONTAINER?)

=> s cytomet? and dispos? and (vessel or container or cylinder)

L24 0 FILE MEDLINE
L25 0 FILE CAPLUS
L26 1 FILE BIOSIS
L27 0 FILE EMBASE
L28 3 FILE WPIDS
L29 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L30 4 CYTOMET? AND DISPOS? AND (VESSEL OR CONTAINER OR CYLINDER)

=> dup rem l30

PROCESSING COMPLETED FOR L30

L31 4 DUP REM L30 (0 DUPLICATES REMOVED)

=> d cbib abs 1-4

L31 ANSWER 1 OF 4 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD

AN 1999-371129 [31] WPIDS

AB WO 9928486 A UPAB: 19990806

NOVELTY - A population of cells (A) comprising at least 60% CD7+CD34-lineage commitment marker-negative (Lin-) cells, are new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) a composition comprising (A) and a carrier;
- (2) a method of isolating hematopoietic stem cells from cells of a stem cell source comprising:
 - (a) contacting the cells of the stem cell source with antibodies

specific for lineage commitment surface antigens and CD34 surface antigen under conditions such that the antibodies can bind to said surface antigens present on the cells of said stem cell source;

(b) separating cells of the stem cell source bound to the antibodies from antibody-free cells of the stem cell source;

(c) contacting said antibody-free cells resulting from step (b) with anti-CD7 surface antigen antibodies under conditions such that said anti-CD-7 surface antigen antibodies can bind CD-7 surface antigen

present

on the antibody-free cells resulting from step (b); and

(d) separating anti-CD-7 antibody-bound cells resulting from step (c) from anti-CD-7 antibody-free cells, said anti-CD-7 antibody bound cells being the hematopoietic stem cells;

(3) a method of isolating hematopoietic stem cells from cells of a stem cell source comprising:

(a) contacting said cells of said stem cell source with anti-CD7 surface antigen antibodies under conditions such that said anti-CD-7 antibodies can bind to CD7 surface antigen present on said cells of said stem cell source;

(b) separating cells of the stem cell source that bind the anti-CD-7 antibodies from cells that do not;

(c) contacting said cells that bind the anti-CD7 antibodies

resulting

in step (b) with antibodies specific for lineage commitment surface antigens and CD34 surface antigen under conditions such that said antibodies specific for lineage commitment surface antigens and CD34 surface antigen can bind lineage commitment surface antigens and CD34 surface antigen present on the anti-CD7 antibody-bound cells resulting from step (b); and

(d) separating cells free of antibodies specific for lineage commitment surface antigens and CD34 surface antigen resulting from step (c) from cells bound to antibodies specific for lineage commitment

surface

antigens and CD34 surface antigen, the former being the hematopoietic stem cells;

(4) a method of effecting bone marrow transplantation in a patient, comprising isolating CD7+CD34-Lin- cells from a stem cell source and introducing the isolated cells into the patient under conditions such

that

engraftment of the introduced cells is effected;

(5) a method of effecting gene therapy in a patient comprising:

(a) isolating CD7+CD34-Lin- cells from a stem source;

(b) transforming said isolated cells with a nucleic acid encoding a therapeutically effective protein; and

(c) introducing the transformed cells into said patient under conditions such that the nucleic acid is expressed;

(6) a method of screening a test compound for its ability to promote differentiation, growth or engraftment of hematopoietic cells comprising:

(a) contacting CD7+CD34-Lin- cells with the test compound under conditions such that differentiation, growth or engraftment of the hematopoietic cells can be promoted; and

(b) determining whether the contacting results in promotion of differentiation, growth or engraftment of the CD7+CD34-Lin- cells; and

(7) a kit comprising antibodies specific for CD4, CD5, CD 13, CD33,

CD34, CD38 and CD25 **disposed** with one or more **container** means.

USE - The hematopoietic stem cells and methods are used for treating diseases and disorders, including genetic diseases and disorders and infectious diseases. The methods are also used to identify agents that promote growth engraftment or differentiation of stem cells.
Dwg.0/18

L31 ANSWER 2 OF 4 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1998-103021 [10] WPIDS
AB EP 822404 A UPAB: 19980410

Optical illuminator comprises first housing having an internal cavity and a longitudinal axis, a second housing containing a laser source having a laser beam output and a collimating lens **disposed** in the laser beam output, mounted a fixed distance from the laser beam source to produce a collimated laser beam output. The second housing is adjustably coupled to the first housing so that the laser beam output passes through the housing cavity and is adjustable within a solid **cylinder** area to define a beam axis through the first housing cavity. A spatial filter comprising an objective lens has focal point, first aperture, and

a collector lens mounted in a fixed location in the first housing cavity to intersect the beam axis. The first aperture is mounted in the first housing cavity a fixed distance from the collector lens in the beam axis, and the objective lens is secured within the first housing, movable along the beam axis to shift the focal point to a preselected location relative to the first aperture.

The spatial filter produces a spatially filtered collimated laser beam output. A beam shaping aperture is adjustably located in the first housing cavity and positionable to intersect the spatially filtered collimated laser beam output and shape the beam. A focusing lens assembly containing a focusing lens, is adjustably coupled to the first housing so that the focusing lens is positionable in the laser beam path to focus

the shaped beam.

ADVANTAGE - Providing shaped, filtered beam in analytical instrument.

Factory alignment and low cost prealigned optical illuminator assembly is obtained, which can be easily oriented for use in instrument.
Dwg.1/68

L31 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2001 BIOSIS
1999:131929 Document No.: PREV199900131929. Artificial colloid tracer tests: Development of a compact on-line microsphere counter and application to soil column experiments. Niehren, Stefan (1); Kinzelbach, Wolfgang. (1) Inst. Hydromechanics Water Resources Manage., Swiss Fed. Inst. Technol., Zuerich ETH Hoenggerberg, HIL, CH-8093 Zuerich Switzerland. Journal of Contaminant Hydrology, (Dec. 15, 1998) Vol. 35, No. 1-3, pp. 249-259. ISSN: 0169-7722. Language: English.

AB Multi-tracer tests with both solutes and particles allow to parametrise heterogenous porous media on the basis of the dual porosity model. In soil

column experiments both solute and particle tracers were measured on-line at the outflow of the column. For the on-line measurement of particles we developed a flow **cytometer** with a sensitivity of one single

1 microsphere in 1 ml of water. The microspheres used are latex spheres of
 mum diameter, labeled with a fluorescent dye. The technique is based on
 the excitation of microspheres with a small diode laser. If a microsphere
 passes the laser focus the incorporated dye molecules emit fluorescent
 light. These photons are sampled by a Single-Photon-Counting
 Avalanche-Diode. The maximum flow rate through the instrument is 1 ml/min
 with a detection efficiency of up to 90%. The instrument is working
 stably
 over a time period of several weeks and has been tested under field
 conditions. The solute tracer we use is uranine, which is detected with a
 sensitive fluorimeter. Extreme sensitivity of the detectors is necessary
 to resolve tails of breakthrough curves which contain information on the
 structure of the medium. Laboratory columns were filled with a mixture of
 quartzsand (250-500 mum) and cellpore filter **cylinders** with an
 internal pore size of apprx 35 mum. The measured breakthrough curves
 show,
 that because of the highly reduced matrix diffusion of colloids, their
 first breakthrough can be up to 2.25 times faster than the first
 breakthrough of uranine.

L31 ANSWER 4 OF 4 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD

AN 1991-126108 [18] WPIDS

AB DE 4033168 A UPAB: 19930928

The water used in a **cytometer** (biological cell measuring device)
 is handled by a system consisting of: - a pump-(1) which delivers the
 water from a **container** (2) to the flow chamber (3) and the focus
 point (6), and - a filter assembly (9) to which the water flows via a
 hopper (7) and a pipe (8) after leaving the focus area (6) and from which
 it returns to the **container** (2) through a pipe (10). The filter
 assembly (9) contains chemically active material (11) which absorbs the
 dye used to stain the biological cells, and mechanical filters (13) which
 remove the cells and other particles from the water.

USE/ADVANTAGE - This invention is used in the design of instruments
 in which measurements of biological cells in a water stream are made by
 passing the water through a focus point and measuring the resulting light
 scatter and fluorescence. The water used is recirculated and re-used many
 times, and the dangerous dyes in the water are absorbed, so that the
 proposed system has the advantages that the quantity of very pure water
 to be stored in the device is greatly reduced, and the **disposal**
 of water which has been contaminated by the dyes is avoided.

1/1

ABEQ GB 2244989 B UPAB: 19930928

A system for purification and recirculation of the water passing through
 a

flow chamber of a flow **cytometer** characterised by a) a pump (1)
 driving water from a reservoir (2) into the flow chamber (3) and through
 the excitation focus (6); and b) a composite filter (9) through which the
 water leaving said focus (6) by way of a funnel (7) and a tubing (8)

flows

back into said reservoir (2) through a tubing (10).

1/1

ABEQ US 5092989 A UPAB: 19930928

An appts. for providing sheath fluid filtering in a closed cycle flow
cytometer system comprises a flow **cytometer** having a

flow chamber, a water reservoir, a pump for moving water through a tube from the reservoir to the chamber so as to provide a jet, and a tube entering the chamber along its axis for introducing a suspension of cell sample material. The sample material includes at least cells, cell debris,

particulate matter or cell-staining dye.

A second tube communicates an outlet of the chamber with the reservoir for recycling water. The **cytometer** also has an excitation focus in the second tube between the chamber and reservoir arranged so that the jet of water carries the sample through that focus.

A

composite filter is provided between that focus and the reservoir.

ADVANTAGE - Less water is required in the **cytometer**.

=> s cytometer? and vertical and rotat? and (cylinder or vessel or container) and (light or detect?)

L32 0 FILE MEDLINE
L33 0 FILE CAPLUS
L34 0 FILE BIOSIS
L35 0 FILE EMBASE
L36 0 FILE WPIDS
L37 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L38 0 CYTOMETER? AND VERTICAL AND ROTAT? AND (CYLINDER OR VESSEL OR CONTAINER) AND (LIGHT OR DETECT?)

=> s transpar?(1)rotat?(1)(cylinder or vessel or container) and bar code

L39 0 FILE MEDLINE
L40 0 FILE CAPLUS
L41 0 FILE BIOSIS
L42 0 FILE EMBASE
L43 4 FILE WPIDS
L44 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L45 4 TRANSPAR?(L) ROTAT?(L) (CYLINDER OR VESSEL OR CONTAINER) AND BAR

CODE

=> s l45 not l30

L46 0 FILE MEDLINE
L47 0 FILE CAPLUS
L48 0 FILE BIOSIS
L49 0 FILE EMBASE
L50 4 FILE WPIDS
L51 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L52 4 L45 NOT L30

=> d 1-4

L52 ANSWER 1 OF 4 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD

AN 1999-409470 [35] WPIDS
DNN N1999-305845
TI **Transparent** type automatic vending machine for e.g. beverage
container - has controller that manages **rotation** of
rotating stand that **rotates** front beverage
container on column, to display label of front beverage
container in front direction.

DC Q35 T05
PA (TOSA) TOSHIBA AVE KK; (TOKE) TOSHIBA KK
CYC 1.
PI JP 11161843 A 19990618 (199935)* 9p G07F011-58
ADT JP 11161843 A JP 1997-323145 19971125
PRAI JP 1997-323145 19971125
IC ICM G07F011-58
ICS B65G001-04; G07F011-00

L52 ANSWER 2 OF 4 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1996-518078 [51] WPIDS
DNN N1996-436597
TI **Rotatable** polygon mirror e.g. for optical scanner in **bar**
-code reader or laser printer - has inner surfaces of
transparent regular polygonal **cylinder** corresponding to
respective sides of regular polygon shape providing total internal
reflection.

DC P81 T04
IN KAIHO, N; SAITO, T; SANO, Y; SHIMIZU, T; TSUJI, N
PA (FJIE) FUJI ELECTRIC CO LTD
CYC 1
PI US 5574592 A 19961112 (199651)* 11p G02B026-08
ADT US 5574592 A Cont of US 1993-125850 19930924, US 1995-464462 19950605
PRAI JP 1992-342956 19921224
IC ICM G02B026-08

L52 ANSWER 3 OF 4 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1995-225791 [30] WPIDS
DNN N1995-176964
TI Rotary mirror optical scanning system for **bar-code**
reader, laser printer, facsimile etc. - has cylinder comprising
transparent material for incident beam, and mirror surface arranged such
that its plane cuts rotary axis of cylinder, and has output lens.

DC P75 P81 S06 T04 V07 W02
IN DAMER, L S
PA (MINN) MINNESOTA MINING & MFG CO
CYC 2
PI DE 4445136 A1 19950622 (199530)* 10p G02B026-10
US 5481392 A 19960102 (199607) 9p G02B026-08
ADT DE 4445136 A1 DE 1994-4445136 19941217; US 5481392 A US 1993-170590
19931221
PRAI US 1993-170590 19931221
IC ICM G02B026-08; G02B026-10
ICS B41J002-435

L52 ANSWER 4 OF 4 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1981-K2593D [40] WPIDS
TI Automatic electric cooking appliance - has container continuously rotated

past temp. controlled heating elements for timed cooking duration.

DC P28 Q74 X27

IN LOEFFLER, H H; TISHLER, S W

PA (LITT) LITTLE INC ARTHUR D

CYC 5

PI FR 2476469 A 19810828 (198140)* 28p

GB 2072000 A 19810930 (198140)

DE 3107041 A 19811217 (198152)

US 4304177 A 19811208 (198152)

CA 1133559 A 19821012 (198247)

GB 2072000 B 19840208 (198406)

US 31833 E 19850219 (198510)

ADT GB 2072000 A GB 1981-3478 19810204; US 4304177 A US 1983-544025 19831021

PRAI US 1980-124091 19800225; US 1983-544025 19831021

IC A47J027-66; A47J037-06; F24C007-00

=> s vertical rotat? and cylinder

L53 0 FILE MEDLINE

L54 23 FILE CAPLUS

L55 2 FILE BIOSIS

L56 0 FILE EMBASE

L57 285 FILE WPIDS

L58 6 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L59 316 VERTICAL ROTAT? AND CYLINDER

=> s 159 and cytometer

L60 0 FILE MEDLINE

L61 0 FILE CAPLUS

L62 0 FILE BIOSIS

L63 0 FILE EMBASE

L64 0 FILE WPIDS

L65 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L66 0 L59 AND CYTOMETER

=> s 159 and (light source or detect? or bar code or photoactivat? cross link?)

L67 0 FILE MEDLINE

L68 0 FILE CAPLUS

L69 0 FILE BIOSIS

L70 0 FILE EMBASE

L71 8 FILE WPIDS

L72 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L73 8 L59 AND (LIGHT SOURCE OR DETECT? OR BAR CODE OR PHOTOACTIVAT? CROSS LINK?)

=> s 173 not 151

L74 0 FILE MEDLINE

L75 0 FILE CAPLUS

L76 0 FILE BIOSIS
L77 0 FILE EMBASE
L78 8 FILE WPIDS
L79 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L80 8 L73 NOT L51

=> d 1-8

L80 ANSWER 1 OF 8 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1997-248582 [23] WPIDS
DNN N1997-205021 DNC C1997-080603
TI Hygenic pin hole inspecting device for film-form glove - comprising
conductive particles, vertically rotatable cylindrical body, brush part,
high voltage feed part and **detector**.
DC A35 A83 A96 P31 P32 S02 S03
PA (GCGC-N) GC KK; (NIIM-N) NIIMI KAGAKU KOGYO KK
CYC 1
PI JP 09079810 A 19970328 (199723)* 11p G01B007-34
ADT JP 09079810 A JP 1995-259488 19950913
PRAI JP 1995-259488 19950913
IC ICM G01B007-34
ICS G01M003-04; G01M003-40; G01N027-92
ICA A61B019-04; A61C019-06

L80 ANSWER 2 OF 8 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1997-103550 [10] WPIDS
DNN N1997-085657
TI Automatic lifting jack for motor vehicles - has motor drive shaft
inserted
horizontally to cover reduction gear mechanism for threaded rod mounted
on
elevation rod **cylinder** cover.
DC Q38
PA (MANZ-N) MANZAI KOGYO KK
CYC 1
PI JP 08337394 A 19961224 (199710)* 8p B66F003-08
ADT JP 08337394 A JP 1995-171377 19950614
PRAI JP 1995-171377 19950614
IC ICM B66F003-08
ICS B66F003-44; B66F007-14

L80 ANSWER 3 OF 8 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1992-380097 [46] WPIDS
DNN N1992-289706 DNC C1992-168851
TI Textile articles marking unit - has periodically moving accumulator made
as rotor with **vertical rotation** axle, plate holders
are fitted horizontally on rotor peripheral outline.
DC F07 X25
IN GUTAUSKAS, M M; LAUKAITIS, E K; MAZURKYAVICHYUS, R G
PA (KUPO) KAUN POLY
CYC 1
PI SU 1703746 A1 19920107 (199246)* 4p D06H001-02
ADT SU 1703746 A1 SU 1990-4786366 19900123

PRAI SU 1990-4786366 19900123
IC ICM D06H001-02

L80 ANSWER 4 OF 8 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1989-260278 [36] WPIDS
DNN N1989-198358 DNC C1989-115773
TI Sewing margin **detecting** device - has two nipping pieces with
their tips vertically rotatably mounted to both sides of support part.
DC F05 P21 S02
PA (AGEN) AGENCY OF IND SCI & TECHNOLOGY
CYC 1
PI JP 01189502 A 19890728 (198936)* 6p
JP 06055240 B2 19940727 (199428) 7p D06F071-30
ADT JP 01189502 A JP 1988-11878 19880123; JP 06055240 B2 JP 1988-11878
19880123
FDT JP 06055240 B2 Based on JP 01189502
PRAI JP 1988-11878 19880123
IC D06F071-30; D07B001-00; G01B007-28
ICM D06F071-30
ICS A41H033-00; D07B001-00; G01B005-20; G01B007-28

L80 ANSWER 5 OF 8 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1989-040832 [06] WPIDS
DNN N1989-031247
TI Rotating mirror scanning system - has start-of-scan **detector**
located at angle w.r.t. vertical and rotated about axis through nominal
scan line.
DC P81 S06 T04 V07 W02
IN BREUGGEMAN, H P; BRUEGGEMANN, H P
PA (XERO) XEROX CORP
CYC 8
PI EP 302687 A 19890208 (198906)* EN 6p
R: DE FR GB IT SE
JP 01055515 A 19890302 (198915)
US 4870273 A 19890926 (198948) 6p
EP 302687 B1 19941102 (199442) EN 7p G02B026-10
R: DE FR GB IT SE
DE 3851990 G 19941208 (199503) G02B026-10
CA 1334490 C 19950221 (199515) G02B026-10
ADT EP 302687 A EP 1988-307086 19880801; US 4870273 A US 1989-315221
19890224;
EP 302687 B1 EP 1988-307086 19880801; DE 3851990 G DE 1988-3851990
19880801, EP 1988-307086 19880801; CA 1334490 C CA 1988-572040 19880714
FDT DE 3851990 G Based on EP 302687
PRAI US 1987-82627 19870807; US 1989-315221 19890224
IC G02B026-10; G02B027-00; H04N001-04

L80 ANSWER 6 OF 8 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1988-261885 [37] WPIDS
DNN N1988-198627 DNC C1988-116859
TI Nuclear fuel pellet end surface vertically measuring appts. - for
measuring verticality without rotating pellet and simultaneously
measuring
total length, preventing damage to pellets.
DC K05 S02 X14

PA (MITS-N) MITSUBISHI GENSHI NENRYO KK
CYC 1
PI JP 63191901 A 19880809 (198837)* 5p
JP 06003361 B2 19940112 (199405) 5p G01B005-24
ADT JP 63191901 A JP 1987-25191 19870205; JP 06003361 B2 JP 1987-25191
19870205
FDT JP 06003361 B2 Based on JP 63191901
PRAI JP 1987-25191 19870205
IC G01B005-24; G01B021-00; G21C017-06
ICM G01B005-24
ICS G01B005-02; G01B021-22; G21C017-06

L80 ANSWER 7 OF 8 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1987-276008 [39] WPIDS
DNN N1987-206682
TI Domestic electric heater open fire effect - has light diffuser made as
hollow light conductor with inner reflecting surface.
DC Q74 X27
IN FILIPPOV, V V; KOSTILEV, V A; KRASIKOV, V F
PA (ELEC-R) ELECTROTHERM EQUIP
CYC 1
PI SU 1290038 A 19870215 (198739)* 2p
ADT SU 1290038 A SU 1985-3948164 19850821
PRAI SU 1985-3948164 19850821
IC F24C015-06

L80 ANSWER 8 OF 8 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1985-288332 [46] WPIDS
DNN N1985-214776
TI Manipulator for orientated feed of articles - comprises carriage with
vertically rotating centering platform and horizontally sliding stops.
DC Q35
IN BESKINA, M I; MAZO, B I; PAVLOV, N A
PA (LESO-R) LENG D SOYUZPROMMEKH
CYC 1
PI SU 1154176 A 19850507 (198546)* 4p
ADT SU 1154176 A SU 1983-3673241 19831216
PRAI SU 1983-3673241 19831216
IC B65G047-22

=> s spaulding g?/au,in and cytometer

'IN' IS NOT A VALID FIELD CODE

L81 0 FILE MEDLINE

L82 0 FILE CAPLUS

L83 0 FILE BIOSIS

'IN' IS NOT A VALID FIELD CODE

L84 0 FILE EMBASE

L85 1 FILE WPIDS

L86 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L87 1 SPAULDING G?/AU, IN AND CYTOMETER

=> d

L87 ANSWER 1 OF 1 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1990-361261 [48] WPIDS
DNC C1990-156969
TI Sperm samples enriched for X- or Y-sperm - by staining living sperm cells with a dye and sorting based on DNA content with a flow **cytometer**

DC B04 C03 P14
IN **SPAULDING, G F**
PA (CYTO-N) CYTOGAM INC
CYC 30
PI WO 9013315 A 19901115 (199048)*
RW: AT BE CH DE FR GB IT LU NL OA SE
W: AU BB BG BR DK FI HU JP KP KR LK MC MG MW NO RO SD SU
AU 8937612 A 19901129 (199109)
DK 9101847 A 19911112 (199213)
EP 475936 A 19920325 (199213) 3p
R: AT BE CH DE FR GB IT LI LU NL SE
JP 04507040 W 19921210 (199304) 19p A01K067-02
AU 639208 B 19930722 (199336)# A61K037-02
EP 475936 A4 19920506 (199521)
EP 658345 A1 19950621 (199529)# EN A61K035-52
R: AT BE CH DE FR GB IT LI LU NL SE
EP 664298 A1 19950726 (199534)# EN 20p C07K014-705
R: AT BE CH DE FR GB IT LI LU NL SE
EP 475936 B1 19950913 (199541) EN 25p A61K039-395
R: AT BE CH DE FR GB IT LI LU NL SE
DE 68924275 E 19951019 (199547) A61K039-395
JP 2992298 B2 19991220 (200005) 21p A01K067-02

ADT WO 9013315 A WO 1989-US2069 19890512; AU 8937612 A WO 1989-US2069 19890512; EP 475936 A EP 1989-906960 19890512; JP 04507040 W JP 1989-503638 19890512, WO 1989-US2069 19890512; AU 639208 B AU 1989-37612 19890512; EP 475936 A4 EP 1989-906960 ; EP 658345 A1 Related to

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